

U.S. ENVIRONMENTAL PROTECTION AGENCY  
REGION II, REMOVAL ACTION BRANCH  
POLLUTION REPORT

I. HEADING

Date: October 29, 1999

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Subject: Cornell-Dubilier Electronics Site, Residential Cleanup,  
South Plainfield, Middlesex County, New Jersey

POLREP: 10

II. BACKGROUND

Site No: GZ  
Delivery Order No.: 0017  
Response Authority: CERCLA  
CERCLIS No.: NJD981557879  
NPL Status: Final NPL  
State Notification: NJDEP and NJDHSS Notified  
Status of Action Memorandum: Approved September 19, 1998  
Start Date RV2: March 29, 1998  
Completion Date RV2: On-going  
Start Date BB2: March 15, 1999  
Completion Date B2: September 16, 1999  
Start Date BB3: September 23, 1999  
Completion Date BB3: On-going

III. SITE INFORMATION

The site is located in a mixed industrial, commercial and residential area of South Plainfield, New Jersey and consists of the Hamilton Industrial Park, adjacent contaminated residential and commercial properties and contaminated portions of the Bound Brook downstream of the

industrial park. Cornell-Dubilier Electronics operated at the industrial park from 1936 to 1962 and allegedly disposed of polychlorinated biphenyl (PCB) contaminated materials and other hazardous substances directly onto site soils. PCBs have been detected in soils and in building interiors at the industrial park, at adjacent residential and commercial properties and in the surface water and sediment of the Bound Brook.

In March 1997 EPA ordered the owner of the industrial park to take actions to stabilize the site. These actions included the installation of drainage controls to limit the movement of contaminants to the nearby Bound Brook through surface water run off; paving of driveways and parking areas in the industrial park to limit the generation and off-site migration of contaminated dust; and installation of a security fence to restrict access to contaminated areas, and prevent the tracking of contaminants into the surrounding community.

#### IV. RESPONSE INFORMATION

##### A. Situation

##### 1. Current Situation

The situation at the site has not changed significantly since the last report.

##### 2. Removal activities (through 10/22/99)

##### Tier 2 Residential Soil Removal (BB2)

On Monday, October 18, excavation began at Property DD(229 Delmore Avenue). A total of 23 tons of TSCA-regulated soils (i.e. PCBs>50ppm) were loaded directly to a dump trailer and transported to the Chemical Waste Management Landfill, Model City, NY. Non-regulated soils were excavated and transported to the soil staging area for temporary storage pending disposal.

On Tuesday, October 19, the remaining 22 tons of TSCA-regulated soil from Property DD were direct loaded to a dump trailer for shipment to the Chemical Waste Management Landfill in Model City, NY for disposal. Nine drums TSCA-regulated soil generated by Cornell-Dubilier during site investigations at the Hamilton Industrial Park were emptied, and added to this load. Water found in four of these was removed in a separate drum for disposal at a later time.



On Wednesday, October 20 work was canceled due to heavy rain.

On Thursday, October 21, excavation activities were initiated at Property U (207 Delmore Avenue). These activities continued thru Friday, October 22.

Also on Friday, the Landscaping Contractor mobilized to the site and continued planting trees and shrubs.

Mini-rams were used to monitor airborne dust levels during the excavation of PCB contaminated soils. To date, air monitoring has not recorded readings above 0.03 mg/m<sup>3</sup>.

### **3. Enforcement**

PRPs for the site have been ordered to remove contaminated soil from 7 Tier 2 residential properties.

### **B. Planned Removal Activities**

Soil removal is underway at 7 Tier 2 residential properties. Interior cleaning is planned at 2 Tier 1 and 2 Tier 2 properties upon completion of the Tier 2 soil removal.

### **C. Next Steps**

Continue excavation and restoration of Tier 2 Properties.

### **D. Key Issues**

None.

### **V. COST INFORMATION (Fund-Lead Removal Actions through 10/28/99)**

	<u>Amount Budgeted</u>	<u>Cost To Date</u>	<u>Amount Remaining</u>
ERRS Costs	\$ 332,000	175,150	156,850
START Costs	\$ 22,000	6,989	15,011
Contingency	\$ 21,000	n/a	21,000
EPA Costs	\$ <u>50,000</u>	<u>36,750</u>	<u>13,250</u>
Total Costs	\$ 425,000	\$ 218,889	\$ 206,111

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

## VI. DISPOSITION OF WASTES

Waste stream	Medium	Quantity	Treatment	Disposal
Decontamination Solids (RV2)	Soil/Solids	4 drums	TSCA Landfill	CWM, Model City, NY
Decontamination Liquids (RV2)	Liquids	5 drums	Incineration	CWM, Model City, NY
Non-TSCA Regulated Soil (BB2)	Soil	1744 tons	Landfill	G.R.O.W.S. Morrisville, PA
TSCA Regulated Soil (BB2)	Soil	22 tons	Landfill	CWM, Model City, NY
Non-TSCA Regulated Soil (BB3)	Soil	293 tons	Landfill	G.R.O.W.S. Morrisville, PA
TSCA Regulated Soil (BB3)	Soil	appx. 45 tons	Landfill	CWM, Model City, NY